Attorney Docket No.: 010327-003600US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen J. Lewis of 64 Elderfield Road, Waterford, Perth, Australia 6152; Nils R. Marchant of 24 Tornado Road, Ocean Reef, Australia 6027; and Mike Reynolds of; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:		
Title of Invention:	Method And Apparatus For Inserting Empty Memory Cells Into A Data Flow Of Network Connections Of A Computer Network	
Filing Date:	October 18, 2001	
Application No.:	10/045,290; and	
WHEREAS, Network Equipment Technologies, Inc., a corporation of the State of Delaware, located at 6900 Paseo Padre Parkway, Fremont, CA, 94555, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;		
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.		
cooperate with Assignee in the prosecution any improvements, (b) execute, verify, applications and instruments of transfer, a	that they will, without charge to Assignee, but at Assignee's expense, (a) n of U.S. Patent applications and foreign counterparts on the invention and acknowledge and deliver all such further papers, including patent and (c) perform such other acts as Assignee lawfully may request to obtain as for the invention and improvements in any and all countries, and to vest accessors and assigns.	
	norize and request Townsend and Townsend and Crew LLP, Two cisco, CA 94111-3834, to insert herein above the application number and n.	
IN TESTIMONY WHE DEC Dated: 9 AND 2002	REOF, Assignors have signed their names on the dates indicated. Stephen J. Lewis	
Dated:	Nils R. Marchant	
Dated:	Mike Reynolds	

PA 3235328 v1



Attorney Docket No.: 010327-003600US

ASSIGNMENT OF PATENT APPLICATION

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Assignors have assigned, and by these p invention and application and to all foreign in and to any Letters Patent and Registratiall countries throughout the world, and Convention. The right, title and interest assigns as fully and exclusively as it would made, for the full term of any Letters Pat	consideration, receipt of which is hereby acknowledged by Assignors, resents do assign to Assignee all right, title and interest in and to the a counterparts (including patent, utility model and industrial designs), and ons which may hereafter be granted on the same in the United States and to claim the priority from the application as provided by the Paris is to be held and enjoyed by Assignee and Assignee's successors and dhave been held and enjoyed by Assignors had this Assignment not been tent and Registrations which may be granted thereon, or of any division, substitution, conversion, reissue, prolongation or extension thereof.	
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters-Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns. Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two		
Embarcadero Center, 8 th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.		
IN TESTIMONY WHE	REOF, Assignors have signed their names on the dates indicated.	
Dated:	Stephen J. Lewis	
Dated 3rd December, 2002.	Nils R. Marchant	
Dated:		

PA 3235328 v1

Mike Reynolds



Attorney Docket No.: 010327-003600US

ASSIGNMENT OF PATENT APPLICATION

	JOINT	
Marchant of 24 Tornado Road, Ocean Ree ; hereinafter refer	Lewis of 64 Elderfield Road, Waterford, Perth, Australia 6152; Nils R. f, Australia 6027; and Mike Reynolds of <u>Subiaco</u> , <u>Australia</u> red to as "Assignors," are the inventors of the invention described and set	
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Assignors hereby auth Embarcadero Center, 8 th Floor, San Franc filing date of said application when known	torize and request Townsend and Townsend and Crew LLP, Two cisco, CA 94111-3834, to insert herein above the application number and n.	
IN TESTIMONY WHE	REOF, Assignors have signed their names on the dates indicated.	
Dated:		
	Stephen J. Lewis	

Nils R. Marchant

Mike Reynolds

Dated: _____

Dated: 20 NOV 2002

PA 3235328 v1

PTO/SB/96 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
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Attorney Docket No. 010327-003600US

STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Stephen Lewis et al.		
Application No./Patent No.: 10/045,290	Filed/Issue Date: October 18, 2001	
Entitled: METHOD AND APPARATUS FOR INSERTIN NETWORK CONNECTIONS OF A COMPUTER NETW	IG EMPTY MEMORY CELLS INTO A DATA FLOW OF	
Network Equipment Technologies, Inc. , a c		
	e of Assignee, e.g., corporation, partnership, university, government agency	
states that it is:		
1. X the assignee of the entire right, title, and in	nterest; or	
an assignee of less than the entire right, ti The extent (by, percentage) of its ownersh	tle and interest. hip interest is% use of either:	
in the patent application/patent identified above by virtue of either:		
A. An assignment from the inventor(s) of the patent was recorded in the United States Patent and Trawhich a copy thereof is attached.	application/patent identified above. The assignment admark Office at Reel, Frame, or for extending the contract of	
OR		
B. A chain of title from the inventor(s), of the patent as shown below:	application/patent identified above, to the current assignee	
The document was recorded in the United S Reel, Frame, or for which a co		
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The document was recorded in the United States Patent and Trademark Office at		
Reel, Frame, or for which a co	ppy thereof is attached.	
Copies of assignments or other documents in the complete. A separate copy (i.e., the original assignment must be submitted to Assignment Division in accordance of the USPTO. See MPEP 3.	nt document or a true copy of the original document) lance with 37 CFR Part 3, if the assignment is to be	
The undersigned (whose title is supplied below) is auth	orized to act on behalf of the assignee.	
Ja-18, 2002 Date	Ruth M. Vogelsang Typed or printed name Signature	
	Senior Corporate Counsel & Assistant Secretary	
	Tido	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant

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